

FLEXIBLE MAGNETICALLY COUPLED PUSHBUTTON SWITCH

Abstract of the Disclosure

A flexible magnetically coupled pushbutton switch assembly has a coupler layer magnetically held against a flexible layer that has flaps that function as flexible armatures. The flexible armatures are normally magnetically coupled to the coupler layer. The coupler layer is a sheet of magnetic receptive rubber material that includes debossed spacers, and there are embossed crowns in the flexible armatures. The embossed crowns fit into openings in the coupler layer so that a switch user may manipulate the flexible armatures. The debossed spacers support the flexible layer above a bottom layer such that there are armature cavities for the flexible armatures. An arrangement of electrical conductors is affected when a switch user selectively manipulates a flexible armature so that an electrical circuit connected to the electrical switch is opened or closed when the switch is actuated.